## Index of Claims



Application/Control No.

10/544,281 Examiner Sabiha Qazi Applicant(s)/Patent under Reexamination

QUARANTA ET AL.

Art Unit 1612

Rejected Allowed

(Through numeral) Cancelled Restricted

Non-Elected N ı Interference

Appeal Α o Objected

Claim		Date									Claim			Date								Cli	Date								
Final	Original	3/15/08									Final	Original										Final	Original								
	1	V	$\Box$	$\neg$			$\neg$		$\top$	7		51		$\neg$	$\neg$	7		$\neg$	$\top$	T	_	$\vdash$	101	П	$\neg$	1	$\top$	$\top$	Т		
	2	V						$\neg$	7	7		52		$\Box$	$\neg$	$\neg$	1	$\neg$	$\top$	1	_		102		$\neg$	1	$\top$	$\top$			
	3	V		$\neg$				$\neg$	$\top$	7		53		$\neg$	$\neg$	$\neg$		$\neg$	$\top$	T	_		103			1	$\top$	$\top$			
	4	V	П	$\neg$	$\neg$		コ	$\neg$		7		54		$\Box$	T	T	T	$\neg$	T	T	7		104	П	$\neg$	T	$\top$	Т	Т		
	5	Г	П	$\neg$	$\neg$		╛	$\neg$		7		55	П	$\neg$	T	$\neg$	T	$\neg$	T	T	_		105	П	$\neg$	T	$\neg$	т	т	П	
	6	Г	П	$\neg$	$\neg$		╛	$\neg$	T	7		56	П	П	T	$\neg$	T	$\neg$	╅	┪	_		106	П	$\neg$	T	$\top$	т	Т	Т	
	7	V		П	$\neg$	П	コ	П	$\neg$	7		57		П	Т	T	Т	П	Т	П	7		107	П	$\neg$	Т	Т	Т	Т	П	
	8	V										58				I		$\Box$	Т	$\exists$			108				$\top$	Т			
	9	V										59			П	Т	Т	$\Box$	Т				109			Т		Т	П		
	10	V		П				П		_		60			П	Т	Т	П	Т				110			Т	Т	Т	П		
	11	V										61											111								
	12	V					I		[	Ц		62	╚			_[	_[		_[		_		112	╚	_[	_[			┸		L
	13	V		[			_]		_[	Ц		63	╚	$\Box$	_[	_[	_[		_[		_	$\perp$	113	Ш	_[	_[		1	┸	_	L
	14	V					_	_		_		64		Ш		$\perp$	$\perp$		_		_	$\perp$	114	Ш		_	$\perp$	$\perp$	┸		L
	15	V	Ш	_	_		_	_	_	4		65				_	_	_	_	4	_		115		_	_	$\perp$	$\perp$	$\perp$	┖	
	16	V		_	_	_	_	_	4	4		66	Ш	Ц	4	4	4	_	4	4	_		116	Ц	_	4	4	┸	_		
	17	V		_	_		_	_	4	4		67	Ш	Ц	_	4	_	4	4	4	_		117	Ш	_	_	4	┸	$\perp$		
	18	V	Ш	_	_		_	_	4	4		68	Ш	Ц	_	4	4	_	4	4	_	_	118	Ц	_	4	_	┸	_		
	19	V		_	_		_	_	4	4		69	Ш	Ц	4	4	4	4	4	4	_		119	Ц	_	4	4	┸	_		
	20	٧	Ш	_	_		_	_	4	4		70	Ш	Ц	4	4	_	4	4	4	_		120	Ш	_	_	4	┸	$\perp$		
	21	L	$\sqcup$	_	_		_	_	4	4		71		Ц	_	4	_	_	4	4	_		121		_	_	4	┸	$\perp$		
	22	╙	$\sqcup$	_	_		_	_	_	4		72	Ш	Щ	4	4	_	_	4	4	_	_	122	Ш	_	_	_	┸	$\perp$		ш
	23	┖		_	_		_	_	_	4		73			_	4	_	_	4	_	_		123	Ш	_	_		$\perp$			Ш
	24	L	$\vdash$	_	_		_	_	_	4		74		Ц	4	4	4	4	4	4	_	$\vdash$	124	Ц	_	_	4	+	_		
	25	╙	$\vdash$	_	_		_	_	_	4		75	ш	Щ	4	4	4	_	4	_	_		125	Ц	_	_	_	$\perp$	$\perp$		
	26	╙	$\perp$	_	_		_	_	_	4		76	Ш	Ш	4	4	4	_	4	4	_		126	Ц	_	4	$\perp$	$\perp$	$\perp$		
	27		$\sqcup$	_	_		_	_	_	4		77			_	4	_	$\perp$	_		4	_	127		_	_	_	$\perp$	_		
	28	L	$\perp$	_	_		_	_	4	4		78		Н	_	4	4	_	4	4	_	<u> </u>	128	$\Box$	_	4	$\perp$	$\perp$	_		
	29	_	$\vdash$	$\dashv$	_	$\vdash$	_	_	_	4	_	79	Ш	$\perp$	-	$^{\perp}$	+	$\dashv$	4	4	4	$\vdash$	129	$\dashv$	-	+	_	+	+	_	_
	30		Ш	$\perp$	_	$\neg$	_	_	_	4	_	80		$\perp$	_	$\perp$	_	$\perp$	4	4	_	$\vdash$	130	$\Box$	_	4	_	$\perp$	_	_	
	31	H	$\vdash$	$\dashv$	$\dashv$	-	$\dashv$	$\dashv$	-	4	-	81	Н	$\vdash$	+	+	+	$\dashv$	+	4	_	-	131	$\dashv$	-	+	-	+	+	$\vdash$	-
	32	$\vdash$	$\vdash$	-	-	$\dashv$	-	-	+	4	$\vdash$	82	Н	$\dashv$	-	+	+	$\dashv$	+	-	-	$\vdash$	132	$\dashv$	+	+	+	+	+	$\vdash$	$\vdash$
	33	$\vdash$	+	$\dashv$	$\dashv$	$\dashv$	$\dashv$	$\dashv$	+	4	$\vdash$	83	$\vdash$	$\dashv$	-	-	+	+	+	+	$\dashv$	$\vdash$	133	$\vdash$	+	+	+	+	+	$\vdash$	$\vdash$
-	35	$\vdash$	+	$\dashv$	$\dashv$	_	$\dashv$	$\dashv$	+	+	$\vdash$	85	$\vdash$	$\dashv$	-	+	+	+	+	+	$\dashv$	$\vdash$	134	$\vdash$	+	+	+	+	+	$\vdash$	⊢
_	36	⊢	+	$\dashv$	$\dashv$	$\dashv$	$\dashv$	$\dashv$	+	4	$\vdash$	86	$\vdash$	$\dashv$	$\rightarrow$	+	+	$\dashv$	+	+	-	$\vdash$	136	$\vdash$	+	+	+	+-	+	+	⊢
_	37	H	+	$\dashv$	$\dashv$	$\dashv$	$\dashv$	$\dashv$	+	4	$\vdash$	87	$\vdash$	$\dashv$	-	+	-	+	+	+	$\dashv$	$\vdash$	136	$\vdash$	+	+	+	+-	+-	-	-
-	38	-	+	-	-	-	$\dashv$	$\dashv$	+	-	$\vdash$	88	Н	$\vdash$	+	+	+	-	+	-	_	-	137	$\vdash$	+	+	+	+-	+	-	-
-	39	$\vdash$	+	$\dashv$	$\dashv$	-	$\dashv$	$\dashv$	+	-1		89	Н	-	-	+	+		+	-	-	-	138	$\vdash$	+	+	+	+	╁	-	$\vdash$
_	40	$\vdash$	+	$\dashv$	$\dashv$	$\dashv$	$\dashv$	$\dashv$	+	-1	$\vdash$	90	Н	$\dashv$	$\dashv$	+	+	+	+	+	-1	-	140	$\dashv$	+	+	+	+	+	╁	-
-	41	$\vdash$	+	$\dashv$	$\dashv$	$\dashv$	$\dashv$	$\dashv$	+	-1	$\vdash$	91	Н	$\vdash$	$\dashv$	-	+	+	+	+	-	-	141	$\dashv$	+	+	+	+	+	$\vdash$	⊢
_	42	$\vdash$	+	$\dashv$	$\dashv$	-	$\dashv$	$\dashv$	+	-1		92	Н	$\dashv$	$\dashv$	+	+	$\dashv$	+	$\dashv$	-1		142	$\dashv$	+	+	+	+	+	1	Н
_	43	H	+	$\dashv$	$\dashv$	-	$\dashv$	$\dashv$	+	-1	-	93	Н	$\dashv$	+	+	+	$\dashv$	+	+	-1	-	143	$\dashv$	+	+	+	+	+-	1	⊢
_	44	$\vdash$	+	$\dashv$	$\dashv$	-	$\dashv$	$\dashv$	+	-1	$\vdash$	94	Н	$\dashv$	+	+	+	+	+	+	-1	-	144	$\dashv$	+	+	+	+	+	+	$\vdash$
_	45	$\vdash$	+	$\dashv$	$\dashv$	-	$\dashv$	$\dashv$	+	-1		95	Н	$\dashv$	-	+	+	+	+	+	-1	-	144	$\vdash$	+	+	+	+	+	+	$\vdash$
-	46	$\vdash$	$\vdash$	$\dashv$	$\dashv$	$\dashv$	$\dashv$	$\dashv$	+	-1	-	96	Н	$\dashv$	$\dashv$	+	+	+	+	+	-	1	146	$\vdash$	+	+	+	+	╁	$\vdash$	$\vdash$
-	46	$\vdash$	$\vdash$	$\dashv$	$\dashv$	$\dashv$	$\dashv$	$\dashv$	+	4	1	96	Н	$\vdash$	+	+	+	+	+	+	-	1	146	$\dashv$	+	+	+	+	+	+	$\vdash$
-	49	$\vdash$	$\vdash$	$\dashv$	$\dashv$	$\dashv$	$\dashv$	$\dashv$	+	+	$\vdash$	90	Н	$\vdash$	$\dashv$	+	+	+	+	+	$\dashv$	$\vdash$	140	$\vdash$	+	+	+	+	+		$\vdash$
_	49	$\vdash$	$\vdash$	$\dashv$	$\dashv$	$\dashv$	$\dashv$	$\dashv$	+	+	$\vdash$	99	Н	$\dashv$	+	+	+	$\dashv$	+	+	$\dashv$	$\vdash$	149	$\vdash$	+	+	+	+	+	$\vdash$	$\vdash$
_	50	$\vdash$	$\vdash$	-	$\dashv$	-	$\dashv$	$\rightarrow$	$\rightarrow$	-	$\vdash$	100	Н	$\rightarrow$	-	+	+	$\rightarrow$	+	+	$\dashv$	$\vdash$	150	$\vdash$	+	+	+	+	+	$\vdash$	$\vdash$